

TASK: Assistance with Section 316 related costs for Pilgrim Nuclear Power Station (PNPS), Plymouth, MA

EPA has recently estimated cost of capital and net present value for initial outlay, cost of installation downtime and on-going cost of operation for the installation of cooling towers at PNPS.

EPA is requesting assistance in determining the affordability of two options for installing closed cycle cooling PNPS. In the first option, PNPS would replace the existing main condenser and operate closed cycle cooling year-round. In the second option, PNPS would operate closed cycle cooling seasonally using the existing equipment; in this case, the on-going cost of operation may include lost revenue associated with an annual seasonal outage during the months of June through August. Additionally, EPA is interested in knowing if the installation of closed-cycle cooling at PNPS would impact electricity rates and/or reliability for residential and commercial customers.

LOE

Review cost submittal: 1 hour

Conference calls: 2 hours

Prepare draft report: 16 hours

Incorporate EPA Region I comments and finalize report: 2 hours

TOTAL LOE (HOURS) FOR TASK = 21